



▶ IESRMS GEARS UP FOR ANOTHER GREAT SEASON, BUT THIS YEAR WE NEED YOU! VOLUNTEER NOW!.....3



▶ THE WORLD WILDLIFE FEDERATION SHUTS OFF THE LIGHTS... WORLDWIDE!2



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APRIL 2009

Rocky Mountain Monthly

IES ROCKY MOUNTAIN SECTION

WWW.IESRMS.ORG

Denver After Dark

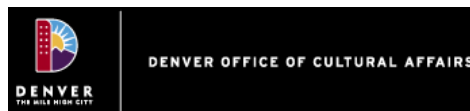
Join us for a magical stroll through Downtown Denver to take in the lights and sights of Denver at Night. This tour will be led by members of the



Illuminating Engineering Society, Rocky Mountain Section. This year's tour will introduce attendees to many of Denver's wonderful night time landmarks, old and new, with new destinations that were not on last year's tour. Your guides will walk you through the art and technology of

lighting in this vibrant urban landscape. Dress for the weather and wear good shoes, as there will be a lot of walking between destinations.

The tour will last approximately 75 minutes.



Register for this meeting right now!



Click here to be automatically directed to the registration website.

Date: Friday, April 17, 2009
Saturday, April 18, 2009

Location: Colorado Convention Center
meet at Blue Bear sculpture

Time: tour departs promptly at 7:30pm

Cost: \$FREE Members
\$FREE Non-Members
\$FREE Students

DIRECTIONS?
CLICK HERE



Wisdom,

Wonders,

and

Wit

EARTH HOUR



CHICAGO (AP) — The lights are going down from the Great Pyramids to the Acropolis, the Eiffel Tower to Sears Tower, as more than 2,800 municipalities in 84 countries plan Saturday to mark the second worldwide Earth Hour.

"Earth Hour makes a powerful statement that the world is going to solve this problem," said Carter Roberts, chief executive of the World Wildlife Fund, which sponsors Earth Hour. "Everyone is realizing the enormous effect that climate change will have on them."

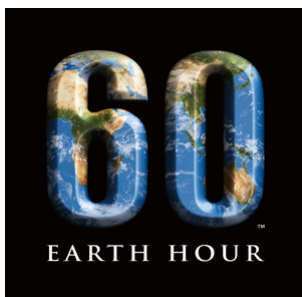
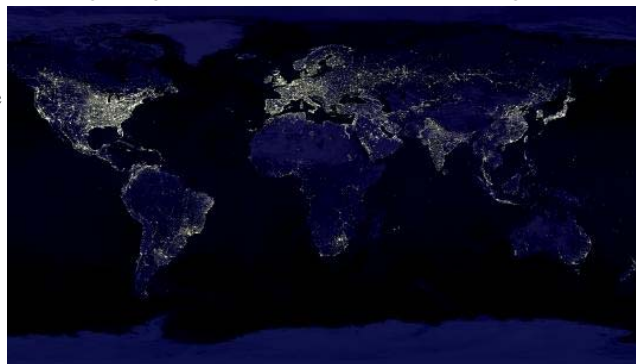
Seven times more municipalities have signed on since last year's Earth Hour, which drew participation from 400 cities after Sydney, Australia held a solo event in 2007. Interest has spiked ahead of planned negotiations on a new global warming treaty in Copenhagen, Denmark this December. The last global accord, the Kyoto Protocol, is set to expire in 2012. U.N. Secretary-General Ban Ki-moon encouraged the convention to reach a fair and effective climate change agreement and promoted Earth Hour participation in a video posted this month on the event's YouTube channel. "Earth Hour is a way for the citizens of the world to send a clear message," Ban said. "They want action on climate change."

Other videos have been posted by celebrities such as rocker Pete Wentz and actor Kevin Bacon and WWF has offered Earth Hour iPhone applications. Search engine Yahoo! says there's been a 344 percent increase in "Earth Hour" searches this February and March compared with last year. New studies increasingly highlight the ongoing effects of climate change, said Richard Moss, a member of the Nobel Peace Prize-winning Intergovernmental Panel on Climate Change and WWF's climate change vice president.

"We have satellites and we have ships out at sea and we have monitoring stations set up on buoys in the ocean," Moss said. "We monitor all kinds of things people wouldn't even think about. The scientific research is showing in all kinds of ways that the climate crisis is worsening." But not everyone agrees and at least one counter-protest is planned for Saturday. Suburban Philadelphia ice cream shop owner Bob Gerenser, 56, believes global warming is based on faulty science and calls Earth Hour "nonsense."

Earth Hour 2009 has garnered support from global corporations, nonprofit groups, schools, scientists and celebrities — including Oscar-winning actress Cate Blanchett and the Archbishop Desmond Tutu.

McDonald's Corp. plans to dim its arches at 500 locations around the Midwest. The Marriott, Ritz-Carlton and Fairmont hotel chains and Coca-Cola Co. also plan to participate. Nearly 200 U.S. cities, towns and villages have signed on, from New York City — which will darken the iconic Empire State Building and Broadway marquees — to Igiugig, population 53 on Iliamna Lake in southwestern Alaska.



Among the efforts in Chicago, 50,000 light bulbs at tourist hotspot Navy Pier will dim and 24 spotlights that shine on Sears Tower's twin spires will go dark. "We're the most visible building in the city," said Angela Burnett, a Sears Tower property manager. "Turning off the lights for one hour on a Saturday night shows our commitment to sustainability."

EDUCATION INFORMATION

ED-100 NOW ENROLLING

The ED-100 course is an introductory survey of the principal issues in lighting.

Vision, color, and the physiology of the eye are included, as well as basic illumination terminology. Sources, photometry, and calculations are discussed, and further information about economics and specific applications will be provided.

The course materials are included with the fee and will be available to early registrants for advance study. The *Ready Reference*, revised in 2006, and a great desktop book, is also included.

COURSE DETAILS

CLASS DATES	Four Sessions, Saturdays; May 16, 23 June 6, 13
CLASS TIME	8am – Noon
LOCATION	GLS 1210 S. Jason Denver, 80223
COST	\$350 members \$500 non-members

special discounts available for groups, and new IES memberships

[Register Online NOW!](#)

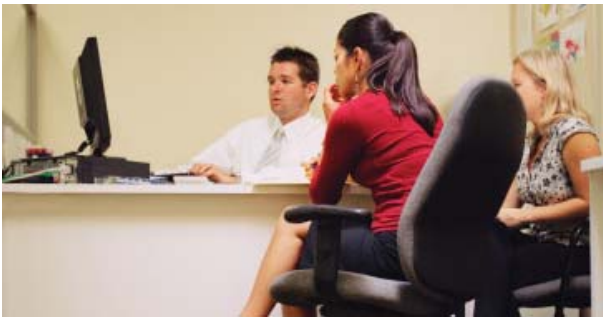
IES Board of Managers call for Volunteers

The Rocky Mountain section is always looking for new volunteers to help inspire top notch programming and services to our members. Maybe you have a hobby you'd like to share. Photography? Writing? Event planning? Let us know your passion. We'd love for you to join us!

E-mail us at info@iesrms.org today!

CU Boulder Presents its 2009 Lighting Students

The 2009 school year is coming to a close and CU's lighting juniors and seniors are looking for opportunities to put their knowledge to work as well as gain some professional experience. **Students are looking for summer internships and full-time jobs.** Their interests vary from lighting design, lighting applications, luminaire design, daylighting, energy and sustainability. Students are not limiting their search to the Denver-metro area or Boulder.



CU's Lighting Program is known for the quality of its education in lighting, and through the years hundreds of our students have become important contributors to lighting organizations across the country. If you are interested in recruiting our students please contact Sandra Vásconez, Senior Instructor, by phone at 303.492.7614 or via e-mail at sandra.vasconez@colorado.edu.

Light Fights Crime in New York

ENDICOTT, NEW YORK – Poor lighting on Endicott's Washington Avenue makes the area prime for crime, according to Joseph Luby, president of the Downtown Endicott Business Association. He attended a Town of Union public hearing Wednesday night to request that some of the town's \$1,393,304 federal Community Development Block Grant funding be used to address the lighting problem.

"The current level of lighting is a concern of all building and business owners on the Avenue and is contributing to an unsafe environment for employees, patrons and the general public," said Luby, a branch manager at Chakra Communication on Washington Avenue. When the lighting was changed in 2003, visibility decreased and crime increased in both frequency and severity. As a result, customers feel less safe visiting Washington Avenue after dark, he said. The installation of 27 street lights in 2003 was supported by a group of merchants. The lights cost \$140,000 - including \$95,000 in CDBG money.

Wednesday night, Luby estimated \$8,000 would be needed to study lighting criteria for the Avenue and estimated another \$180,000 would be needed to purchase and install the lighting fixtures. Other requests from town residents included road repairs and park improvements, but those requests are not eligible for CDBG funds because they're not related to areas with enough low- and moderate-income residents.



The town also awaits an additional one-time allocation of \$378,254 from the CDBG program as part of the federal stimulus package. Union Supervisor John Bernardo said ideally, he would like to spend \$250,000 of the one-time allocation to repair roads outside the two villages in the "part-town" area.

WELCOME

NEW SECTION

MEMBERS

Jeffrey D. Geilier,
Geiler & Associates
Aurora, Colorado

Elizabeth T. Johnston,
University of Colorado
Boulder, Colorado

Denver After Dark
Union Station
April 17 & 18

This April, the Rocky Mountain section is participating in a first-ever Expert Tour as part of the Doors Open Denver event; the exclusive look at downtown Denver from a rare, unique perspective.

2009
Upcoming
Section Events

Rebates & Incentives
Original Brooklyns
May 12

Join us for this informative meeting as utility representatives discuss local rebate programs, and industry experts review the pros and cons to government incentives.

LIGHTFAIR 2009
New York City, New York May 5-7

LFI INTERNATIONAL
The future. Illuminated.
2009

2009/10 Officer Elections
at www.IESRMS.org
April 1-15

Vote online for your 2009-2010 Rocky Mountain Section officers. More details will arrive via e-mail directly to all section members in good standing!

IES Illuminating
ENGINEERING SOCIETY

The Olympic Torch Relay Prepares

Interesting Facts on the 2010 Winter Olympics Torch Relay

tested tirelessly. Bombardier their intimate knowledge of industrial design and innovation; VANOC incorporated the overall vision of the 2010 Winter Games brand essence. The result of the teamwork is a collaborative process that maximized everyone's strengths, and properly balanced form, function and cost, yielding magnificent results.

The 2010 Olympic Torch takes its inspiration from the cool, crisp and modern lines that are left behind in the snow and ice from winter sports. The fluid, dynamic shape of the torch conveys a sense of youthful optimism and the size of the 2010 Olympic Torch shows not only that Canada is a country of bountiful size, but also has enormous potential and heart.

Small touches on the finished 2010 Olympic Torch design make it truly Canadian. A maple leaf on the back of the torch is not only a symbolic element, but has an important functional role as an air intake hole to ensure the Olympic Flame burns brightly. The 2010 Winter Games Motto "With Glowing Hearts/Des plus brillants exploits" is engraved on the torch opposite where the flame will burn.

The Olympic Flame was top of mind when designing the burner system for the 2010 Olympic Torch. When lit, people all across the country will see a bright, magnificent flame. Shining as a symbol of peace, brotherhood and friendship, the Olympic Flame will light up the

1,020 communities that will connect to make our Path of Northern Lights when the 2010 Olympic Torch Relay makes its 45,000-kilometre journey across Canada. The vessel that will carry the Olympic Flame is a Torch for all Canadians.



Designer/Manufacturer: Bombardier/VANOC

Inspiration: Canada's open land, vast potential and smooth, fluid lines left in the snow and ice from winter sports

Height: 37.125 inches / 94.5 centimetres

Weight: 2.8 pounds / 1.6 kilograms

Materials used: Stainless steel, aluminum and sheet moulding compound

Burn time: At least 12 to 15 minutes

Fuel used: Blend of Propane, Isobutane and Hydrocarbons

© 2009 The Vancouver Organizing Committee



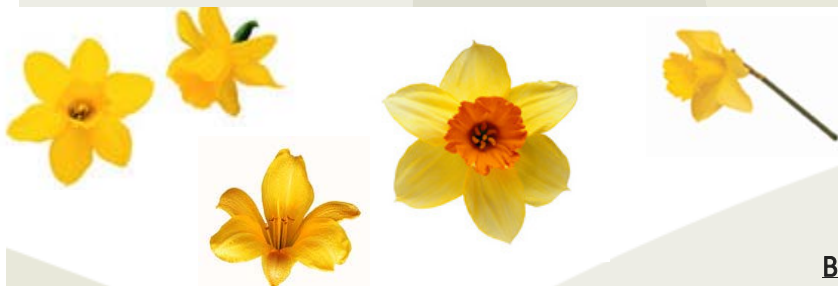
"When they hold it in their hands, I want them to be proud." - Leo Obstbaum, director, Design

For Leo Obstbaum and the design team that developed the 2010 Olympic Torch concept, the project was a once-in-a-lifetime opportunity.

What started with some words and ideas quickly became sketches and computer renderings. An industrial design team from Bombardier — a company known worldwide for leading innovations in transportation and aerospace — was assembled, and a few fortunate designers were given a significant project; one they could carry in their hearts for years, with an end result that would never go out of style.

"When asked for my opinion about the design or the project, I don't know what to say other than this is a project I usually would only watch on television," said Lise Carrière who is VANOC planning manager in the design and brand team. "But now I am a part of it. It's something I'll treasure for the rest of my life".

There are many constraints when designing a torch, especially one that needs to function in Canada's extreme winter weather. The design team planned, calculated, consulted and



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